

Multiplying Three Trinomials (D)

Simplify each expression.

1. $(-5t^4 - 2t^3 - 6t^2)(-4t^3 + 4t^2 - 4t)(5t^2 + 6t + 3)$

2. $(-3g^5 - 6g^4 - 8g^3)(9g^4 + 7g^3 + 8g^2)(2g^2 + g - 3)$

3. $(-5f^2 - 3f + 1)(7f^4 + 5f^3 - 3f^2)(-f^3 - 9f^2 - 5f)$

4. $(7m^5 - 7m^4 - 6m^3)(2m^5 + 9m^4 - 9m^3)(-3m^4 - 9m^3 + 9m^2)$

5. $(-5x^4 + x^3 + 5x^2)(-7x^2 - 9x + 5)(2x^4 + 4x^3 + x^2)$